SBR No.106/18-19
DATED 19-2-19

Original/Duplicate/Triplicate

EE/ELE/Y/BR.No.142/18-19

CONTRACT CERTIFICATE

(For Other Works)

No.2Nd & Final bill

Date 19-2-2017 Dt.19-2-19

Division: **Electricals (Yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :-001-17-000044**

Schedule Docket No. Head of Account :**P -0294**

D.R.No. :

Name of Work Annual Maintenance to Electrical installation of BBMP Buildings coming Undr Byatrayanapura constituency in Ward no 1 to 04.

Name of Contractor and Full Address: M/s Chowdeshwari Electricals .

Reference to Agreement No:EE/Ele/YZ/WO/23 /17-18 Date:31/05/2017

Certified that the measurements were taken by me on 10/5/18 and recorded of Pages 256314 to 314 of measurement Book No. 256H/18-19 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 10/5/18 .and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	Bill =	21955=00
2) Deduct amount to be held in reserve being .....percent Rs.....		
3) " Balance		
4) Deduct Payment:		
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	Amount	
b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work. Amount paid on this bill Cheque / Cash.		
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted -		

IT 1% 220=00
Sbest 1% 196=00
cesst 1% 196=00
hwc 1% 220=00
CBFO.1% 22=00
Deductions = 854=00
Cheque = 21101=00

Contractor's Signature

Received Rs..... (in words).....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands) (For use in the Office)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer making payment

ಲೆಕ್ಕಶೀರ್ಷಿಕ P029H m24R to Elec

Stamp

ರೂ: 21955=00 ಆಡಿಟ್ ಮಾಡಿ ಸ್ವೀಕರಿಸಿದೆ

ರೂ: 21101=00 ಚೆಕ್ ನೀಡಬಹುದಾಗಿದೆ

ರೂ: 854=00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿದೆ

Executive Engineer

ಲೆಕ್ಕ ಅಧೀಕ್ಷಕರು ಕಾ.ಪಾ.ಅ.(ವ) ಯಲಹಂಕ ವಲಯ

Sl. No	Description of Item	Unit
	Name Of Work:-Annual Maintenance to electrical installation of BBMP Buildings coming Undr Byatrayanapura constituency in Ward no 1 to 04.	
	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A	
1	6Amps SP Switch	Nos
2	6Amps 3 way 5 pin Socket	Nos
3	16 Amps SP switch	No
4	16 Amps 3 way 5 pin socket	No
5	32 Amps Bakelite DP	No
6	16/6 Amps combined plug and socket wit control switch	No
7	Supplying wall mounting fan suitable to operate at single-phase 230v A.C. supply.400mm Sweep	Each
8	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 48" Sweep (1200mm)Regular model	Each
9	Supply of 230 V CFL Lamp Holder 2 pin	No
10	Point wiring using Copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Mtr
11	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -A.1.5 sqmm	Rmt
12	4)4 sqmm	P/Mtr
13	2'/4' - 36/40 Watts Fluorescent Tubes: Supplying and fixing of 36W Fluorescent Tube with 36W power consumption with initial lumen of 2750 (3000 deg K / 4000 deg K) with rated avg life of greater than 10000 hrs.	No
14	Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes : Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes, Class H Insulated copper wire, Vacuum impregnated high quality with Low loss silicon steel lamination operated on 240V,50Hz supply with IEC 60920 (Safety) & IEC 60921(Performance)	No
15	Supply of 230 Volts 20/40 watts starter for Fluorescent Lamp	No
16	Supplying of of 2 pin/4 pin 18W CFL Lamp	No
17	Condenser for ceiling fan/MV/SV/MH and other luminaires Upto 4 mfd	No
18	Upto 8 mfd	No
19	Stepped Fan Regulator.	Each
20	LED Indoor Supplying of 4' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical conditionLED light fighting 4' - 28 watts	Nos
21	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of overload and short circuit with thermal Magnetic/Micro processed release and Earth Fault as per IS-13947. (Icu=Ics). FOUR POLE 6) 125-160Amps 25kA.	Each

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Rate	Amount	Qty	Cost	
65	1950.00	13	30.00	390.00	78	2340.00	
20	1200.00	7	60.00	420.00	27	1620.00	
11	770.00	4	70.00	280.00	15	1050.00	
12	1440.00	2	120.00	240.00	14	1680.00	
8	1200.00	2	150.00	300.00	10	1500.00	
8	2000.00	2	250.00	500.00	10	2500.00	
4	8800.00	0	2200.00	0.00	4	8800.00	
6	12600.00	0	2100.00	0.00	6	12600.00	
17	510.00	2	30.00	60.00	19	570.00	
12	3600.00	3	300.00	900.00	15	4500.00	
289	7225.00	9	25.00	225.00	298	7450.00	
92	3680.00	103	40.00	4120.00	195	7800.00	
75	3750.00	22	50.00	1100.00	97	4850.00	
20	3400.00	5	170.00	850.00	25	4250.00	
38	760.00	12	20.00	240.00	50	1000.00	
20	4000.00	5	200.00	1000.00	25	5000.00	
20	2400.00	5	120.00	600.00	25	3000.00	
8	1200.00	2	150.00	300.00	10	1500.00	
21	4620.00	4	220.00	880.00	25	5500.00	
30	36000.00	0	1200.00	0.00	30	36000.00	
2	12000.00	0	6000.00	0.00	2	12000.00	

22	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm .... etc. as required.25mm	Mtr
23	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc., and fixing on existing wooden or metal box using N.F. screws.	Sq CM
24	Supplying....way plastic gang box and fixing using necessary wooden/ rawl/phill plugs and screws.1 way gang box	Each
25	2 to 4 way gang box	Each
26	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required confirming IEC 60898. 6) 40-63 Amps SP	Each
27	6) 5-32Amps DP	
28	6) 40-63 Amps TPN	Each
29	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps.On wall / ceiling / Rafter / Girders	Each
30	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps. ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.	Each
31	Supplying and fixing one of 230 volts Ding dong bell and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws	Each
32	Musical	
33	Remote	Each
34	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm	Each Mtrs
35	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure25 sqmm to 75 sqmm	Mtrs
36	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary)	Mtrs
37	Rewinding a ... mm ceiling fan/after using necessary gauge annealed and insulated copper wire with necessary insulating, separators vibration arresting shellac, etc including replacement of bearings if any transportation to and from the spot to workshop inclusive of releasing the refixing.1200MM	Each
	Total Rs	Each

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

Assistant Executive Engineer (Ele)
BBMP, Bangalore

95	2850.00	0	30.00	0.00	95	2850.00	
2850	370.50	0	0.13	0.00	2850	370.50	
8	200.00	2	25.00	50.00	10	250.00	
7	350.00	3	50.00	150.00	10	500.00	
7	2450.00	2	350.00	700.00	9	3150.00	
6	3600.00	2	600.00	1200.00	8	4800.00	
3	4500.00	1	1500.00	1500.00	4	6000.00	
30	4500.00	0	150.00	0.00	30	4500.00	
10	1500.00	0	150.00	0.00	10	1500.00	
0	0.00	3	250.00	750.00	3	750.00	
0	0.00	3	500.00	1500.00	3	1500.00	
0	0.00	3	700.00	2100.00	3	2100.00	
50	5750.00	0	115.00	0.00	50	5750.00	
50	750.00	0	15.00	0.00	50	750.00	
40	4000.00	0	100.00	0.00	40	4000.00	
6	4800	2	800.00	1600.00	8	6400.00	
	148725.5			21955.00		170680.50	